NOVEMBER/DECEMBER 2023

GCS32/DCS32 — XML AND WEB SERVICES

Time : Three hours Maximum : 75 marks

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SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. List out the benefits of XML.
2. What do you meant by DOM?
3. Define JSON.
4. Write the types of specific keywords in JSON.
5. Write the limitations of CORBA.
6. What do you meant by SOA?
7. How does SOAP differ from CORBA?
8. Define UDDI failures and recovery.
9. What are the pillars of XML E-business?
10. What is RDF?

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) What are the waves of XML development?

Or

(b) Give short notes on XHTML.

12. (a) How to declare a JSON schema? Explain.

Or

(b) Write a note on generic keywords in JSON.

13. (a) Explain the implementation architectural view of web services technology stack with flow diagram.

Or

(b) Describe about deployment architectural view.

14. (a) Explain the future of SOAP.

Or

(b) Give a detailed note on UDDI.API.

15. (a) Write the different types of B2B interaction.

Or

(b) Write short notes on components of E-business XML systems.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain about document type definition in detail.

17. Give a detailed note on regular expression in JSON schema.

18. Explain the business and technical motivation for web service in detail.

19. Explain the Web Services Description Language (WSDL) in detail.

20. Discuss on the role of XML in web content management.

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